

<p><b>AQUALOGUS</b> – Engenharia e Ambiente, Lda</p> <p>Rua do Mar da China, 1 - Escrit. 2.4 Parque das Nações 1990-137 LISBOA Tel.: (351) 21 752 01 90 Fax: (351) 21 752 01 99 E-mail: geral@aqualogus.pt Web site: www.aqualogus.pt</p>	<p><b>Corporation Form</b> Limited Liability Company</p> <p><b>Registered Capital</b> 500.000 Euros</p> <p><b>Board of Directors</b> Pedro Sá Frias Sérgio Correia da Costa</p> <p><b>Directors</b> Pedro Sá Frias Sérgio Correia da Costa Pedro Marques Francisco Freire de Carvalho</p> <p><b>Permanent Personnel</b> Total: 55 Graduates: 33 Other Technicians: 8 Administrative Staff: 4</p>	<p><b>Turnover (2016)</b> 3.200.000 Euros</p> 
<p><b>Delegations / Associated Companies</b></p> <p><b>Associated Companies</b></p> <ul style="list-style-type: none"> <li>• AQUALOGUS Moçambique, Lda.</li> </ul> <p><b>Delegations</b></p> <ul style="list-style-type: none"> <li>• Morocco</li> <li>• Algeria</li> <li>• Tunisia</li> <li>• Brazil</li> </ul> <p><b>Representations</b></p> <ul style="list-style-type: none"> <li>• Armenia</li> <li>• Pakistan</li> <li>• Singapore</li> </ul>		<p><b>General Description</b></p> <p>The company provide consultancy services, project management, studies and design, research and development in the fields of hydraulic works, water resources and environment.</p>
<p><b>Professional and Business Associations</b></p> <ul style="list-style-type: none"> <li>• PPA – Portuguese Water Partnership (<a href="http://www.ppa.pt">www.ppa.pt</a>)</li> <li>• APPC – Portuguese Association of Engineering and Management Consultants (<a href="http://www.appconsultores.org.pt">www.appconsultores.org.pt</a>)</li> <li>• APRH – Portuguese Water Resources Association (<a href="http://www.aprh.pt">www.aprh.pt</a>)</li> <li>• APDA – Portuguese Association of Water Supply and Urban Drainage (<a href="http://www.apda.pt">www.apda.pt</a>)</li> <li>• SPG – Portuguese Geotechnical Society (<a href="http://www.spgeotecnica.pt">www.spgeotecnica.pt</a>)</li> <li>• APAI – Portuguese Association for Impact Assessment (<a href="http://www.apai.org.pt">www.apai.org.pt</a>)</li> <li>• GPBE – Portuguese Group for Structural Concrete (<a href="http://www.gpbe.pt">www.gpbe.pt</a>)</li> </ul> <p><b>Certifications</b></p> <ul style="list-style-type: none"> <li>• Quality, Environmental and Safety Management System in accordance with the rules EN ISO 9001, EN ISO 14001 and OSHAS 18001</li> <li>• General Quality Manager of Construction Works – LNEC's Quality Seal (<a href="http://www.lnecc.pt">www.lnecc.pt</a>)</li> </ul>		<p><b>Main Expertise</b></p> <ul style="list-style-type: none"> <li>• Water resources planning and management</li> <li>• Dams: design; safety assessment, risk analysis, dam-break studies and flood waves; early warning and alert systems</li> <li>• Geotechnical works</li> <li>• Hydropower schemes</li> <li>• Irrigation schemes</li> <li>• Water supply and sewerage systems</li> <li>• Water quality modelling</li> <li>• River engineering and drainage: river regulation and correction, sedimentation and erosion, flood protection and mitigation works, bridges and drainage works</li> <li>• Geospatial analysis and remote detection</li> <li>• Environmental assessment and follow-up</li> <li>• Buildings and infrastructures</li> <li>• Research, development and innovation</li> </ul>
<p><b>Services</b></p> <ul style="list-style-type: none"> <li>• Technical, economical and environmental feasibility studies</li> <li>• Preliminary and base design, tender and final design</li> <li>• Technical assistance</li> <li>• Environmental follow-up</li> <li>• Project management</li> <li>• Environmental project assessment</li> <li>• Works management and supervision</li> <li>• Dam and other infrastructures inspection</li> <li>• Technical expertise</li> <li>• Production of thematic cartography over topographic base</li> </ul>		
<p><b>Significant Last Works</b></p> <p><b>Water resources planning and management</b></p> <ul style="list-style-type: none"> <li>• Water National Plan 2010 – Quality and Quantity (Portugal)</li> <li>• Flood risk cartography in Portugal</li> <li>• Evaluation of the Small Hydropower Potential of Tagus River Basin (Portugal), Indonesia and Prince Island</li> <li>• Renewable Energy Plan - Hydropower (Cape Verde)</li> <li>• Hydrologic Studies of Maharashtra Project (India)</li> <li>• River Pungwe's basin flood management (Mozambique)</li> <li>• Rehabilitation plan of the hydraulic circuits of Hwange thermal power station (Zimbabwe)</li> <li>• Underground Water Research and Exploration Regulation (Mozambique)</li> </ul> <p><b>Dams</b></p> <ul style="list-style-type: none"> <li>• Alto Tâmega, Amoreira, Canedo, Daivões, Ferreira, Fridão (downstream), Furtal Galinhas, Gouvães, Odelouca, Orada, Padroselos, Palhais, Penedrão, Pessegueiro, Pias, Pisão, Ribeiradio (Portugal), Ituango (Colombia), Metuchira, Moamba-Major (Mozambique), Igli (Algeria)</li> <li>• Complementary spillways: Salamonde, Caniçada (Portugal); Rehabilitation: Areia Branca (Brazil), Ouijert, Djorf Torba (Algeria)</li> <li>• Safety assessment and emergency plans of large dams: Alvito, Aguiéira, Caia, Caldeirão, Fronhas, Marateca, Montargil, Raiva Odivelas; 2001 Dams Inspection Plan (90 dams) (Portugal)</li> <li>• Dam Safety Regulations of Mozambique and Cape Verde</li> </ul> <p><b>Geotechnical projects</b></p> <ul style="list-style-type: none"> <li>• Terga's Central and Sanitary Landfill of Corso (Algeria)</li> <li>• River banks and roads landfill stabilization</li> </ul> <p><b>Hydropower schemes</b></p> <ul style="list-style-type: none"> <li>• Agilde, Águas Frias, Alto ceira, Alto Tâmega, Alvito, Canedo, Carvão-Ribeira, Daivões, Gouvães, Odivelas, Padroselos, Palhais, Pisão, Pereira, Roxo, Teixo, Vale do Gaio, Vilar do Monte</li> <li>• Balakot and Suki Kinari (Pakistan), Berua, Liziunga, Majaua, Mavonde, Mepulo, Massingir, Nintulo, Sembezeia, Rotanda (Mozambique), Paredão de Minas (Brazil), Ocoña (Peru)</li> </ul> <p><b>Irrigation schemes</b></p> <ul style="list-style-type: none"> <li>• S. Pedro-Baleizão, Caliços-Machados, Orada-Amoreira, Cancão, Rio Grande da Pipa, Pessegueiro, Formosa, Furnazinhas, Luso, Montes de Beliche, Vacaria and Mealhada, Lezíria Tejo</li> <li>• Global conception of Ardila and Pedrógão schemes (Alqueva, Portugal)</li> </ul> <p><b>International Experience</b></p> <ul style="list-style-type: none"> <li>• Algeria</li> <li>• Angola</li> <li>• Brazil</li> <li>• Cameroon</li> <li>• Cape Verde</li> <li>• Colombia</li> <li>• Ghana</li> <li>• Guinea</li> <li>• India</li> <li>• Indonesia</li> <li>• Macedonia</li> <li>• Malawi</li> <li>• Morocco</li> <li>• Mozambique</li> <li>• Nicaragua</li> <li>• Pakistan</li> <li>• Peru</li> <li>• Qatar</li> <li>• S. Tomé and Príncipe</li> <li>• Saudi Arabia</li> <li>• Senegal</li> <li>• Tunisia</li> <li>• Zimbabwe</li> </ul>		